

LAMPIRAN

Lampiran 1 Perhitungan Waktu Siklus

| Operator | No | Aktivitas | Frek. | Waktu Pengamatan (detik) | | | | | | | | | | Waktu Siklus |
|----------------|----|--|-------|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|
| | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Punch Roller 1 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 68.02 | 67.97 | 58.30 | 68.17 | 62.65 | 62.20 | 65.97 | 67.34 | 62.40 | 55.76 | 63.88 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 13.31 | 11.84 | 13.37 | 12.41 | 11.07 | 13.14 | 11.84 | 12.42 | 11.27 | 12.83 | 12.35 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 7.23 | 7.61 | 7.49 | 7.48 | 7.52 | 7.84 | 7.66 | 8.35 | 8.01 | 7.77 | 7.70 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 14.93 | 15.93 | 15.55 | 13.45 | 14.90 | 15.00 | 13.83 | 14.15 | 14.33 | 13.30 | 14.54 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.26 | 3.98 | 3.16 | 3.41 | 3.18 | 3.47 | 3.71 | 3.25 | 3.58 | 3.29 | 3.43 |
| Punch Roller 2 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 59.99 | 59.59 | 62.73 | 55.44 | 65.57 | 69.37 | 61.75 | 59.23 | 55.70 | 69.57 | 61.89 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 11.63 | 10.63 | 12.87 | 12.00 | 13.07 | 13.39 | 13.20 | 11.87 | 12.68 | 13.47 | 12.48 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 8.29 | 8.98 | 7.09 | 8.03 | 8.68 | 7.81 | 7.24 | 8.09 | 7.85 | 8.35 | 8.04 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 13.54 | 14.99 | 15.40 | 14.82 | 15.99 | 15.20 | 13.71 | 13.08 | 14.39 | 14.83 | 14.60 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.14 | 3.73 | 3.43 | 3.45 | 3.73 | 3.97 | 3.83 | 3.25 | 3.61 | 4.00 | 3.61 |

| | | | | | | | | | | | | | | |
|----------------|---|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Punch Roller 3 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 58.40 | 61.52 | 61.81 | 66.06 | 57.13 | 60.53 | 65.55 | 68.97 | 64.06 | 62.77 | 62.68 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 12.22 | 12.47 | 12.88 | 13.04 | 11.63 | 10.93 | 11.44 | 10.64 | 13.28 | 11.83 | 12.04 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 7.70 | 7.36 | 8.23 | 7.33 | 8.38 | 7.98 | 7.48 | 7.06 | 7.71 | 8.53 | 7.78 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 13.65 | 13.16 | 15.50 | 14.96 | 15.97 | 15.05 | 15.56 | 13.13 | 14.86 | 15.48 | 14.73 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.36 | 3.72 | 3.39 | 3.97 | 3.98 | 3.86 | 3.85 | 3.50 | 3.13 | 3.90 | 3.67 |
| Punch Roller 4 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 57.97 | 60.57 | 63.24 | 58.14 | 69.09 | 56.35 | 66.60 | 56.19 | 65.48 | 68.43 | 62.21 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 11.74 | 12.87 | 11.94 | 11.27 | 13.03 | 10.93 | 11.78 | 10.88 | 10.62 | 11.21 | 11.63 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 7.79 | 8.49 | 7.99 | 7.39 | 8.29 | 7.86 | 8.88 | 8.55 | 7.49 | 8.43 | 8.12 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 14.00 | 14.85 | 15.91 | 13.52 | 15.85 | 13.00 | 15.46 | 16.00 | 15.57 | 15.95 | 15.01 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.79 | 3.42 | 3.65 | 3.67 | 3.72 | 3.53 | 3.80 | 3.06 | 3.00 | 3.75 | 3.54 |

| | | | | | | | | | | | | | | |
|----------------|---|--|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Punch Roller 5 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 59.76 | 58.75 | 62.47 | 66.53 | 68.19 | 65.99 | 58.73 | 65.97 | 61.00 | 68.64 | 63.60 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 12.42 | 13.01 | 12.56 | 12.93 | 12.83 | 11.93 | 13.97 | 13.25 | 13.80 | 11.19 | 12.79 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 7.75 | 7.08 | 8.75 | 7.39 | 7.76 | 7.11 | 7.26 | 8.16 | 7.92 | 7.90 | 7.71 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 15.02 | 15.04 | 14.62 | 14.91 | 13.45 | 15.21 | 13.44 | 15.30 | 13.39 | 13.61 | 14.40 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.51 | 3.22 | 3.77 | 3.54 | 3.46 | 3.90 | 3.85 | 3.05 | 3.92 | 3.39 | 3.56 |
| Punch Roller 6 | 1 | Mengambil 100 kertas gelombang dari palet ke samping mesin <i>punch roller</i> | 14 | 67.38 | 55.81 | 61.27 | 68.58 | 60.98 | 55.91 | 55.40 | 62.64 | 55.54 | 59.31 | 60.28 |
| | 2 | Mengambil 5 kertas gelombang dan meletakkannya di mesin <i>punch roller</i> | 280 | 12.19 | 13.76 | 13.76 | 12.38 | 12.07 | 11.54 | 10.72 | 11.23 | 12.74 | 12.73 | 12.31 |
| | 3 | Menjalankan mesin <i>punch roller</i> | 280 | 7.73 | 8.16 | 7.31 | 8.12 | 8.50 | 7.64 | 8.74 | 7.34 | 7.38 | 8.95 | 7.99 |
| | 4 | Mengambil hasil cetakan kertas gelombang | 280 | 14.36 | 15.84 | 13.10 | 15.65 | 15.08 | 14.57 | 13.03 | 13.26 | 14.15 | 15.04 | 14.41 |
| | 5 | Membuang sisa cetakan ke <i>recycling bin</i> | 280 | 3.36 | 3.61 | 3.23 | 3.96 | 3.93 | 3.29 | 3.41 | 3.41 | 3.63 | 3.65 | 3.55 |

| | | | | | | | | | | | | | | |
|----------|---|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Sortir 1 | 1 | Memindahkan bin ke area sortir | 28 | 9.66 | 8.56 | 10.54 | 10.08 | 9.62 | 8.45 | 8.53 | 10.05 | 9.36 | 10.09 | 9.49 |
| | 2 | Mengambil 1/2 tumpukan kertas gelombang dari bin ke meja | 84 | 8.50 | 8.82 | 8.69 | 7.54 | 8.16 | 7.65 | 8.38 | 7.10 | 7.32 | 7.14 | 7.93 |
| | 3 | Memisahkan 1/4 dari tumpukan kertas gelombang yang menyatu | 168 | 21.39 | 26.80 | 25.99 | 22.02 | 27.05 | 22.51 | 23.47 | 24.83 | 22.98 | 24.42 | 24.15 |
| | 4 | Merapikan lalu menumpuk kertas gelombang menjadi 1/2 tumpukan | 168 | 3.19 | 2.75 | 2.77 | 3.20 | 3.11 | 2.58 | 2.63 | 2.91 | 2.86 | 2.93 | 2.89 |
| | 5 | Menyejajarkan untuk memeriksa defect lalu dirapikan kembali | 84 | 20.12 | 22.31 | 22.28 | 22.64 | 20.18 | 19.87 | 19.62 | 22.51 | 19.79 | 21.28 | 21.06 |
| Sortir 2 | 1 | Memindahkan bin ke area sortir | 28 | 8.03 | 8.36 | 10.22 | 9.48 | 9.82 | 9.21 | 9.12 | 9.51 | 8.81 | 8.04 | 9.06 |
| | 2 | Mengambil 1/2 tumpukan kertas gelombang dari bin ke meja | 84 | 8.78 | 7.84 | 8.85 | 7.24 | 8.22 | 7.61 | 8.72 | 8.31 | 7.51 | 8.70 | 8.18 |
| | 3 | Memisahkan 1/4 dari tumpukan kertas gelombang yang menyatu | 168 | 22.84 | 22.75 | 24.21 | 22.03 | 24.24 | 21.89 | 22.61 | 21.37 | 20.65 | 24.91 | 22.75 |
| | 4 | Merapikan lalu menumpuk kertas gelombang menjadi 1/2 tumpukan | 168 | 2.92 | 3.15 | 3.13 | 3.27 | 3.07 | 2.96 | 3.01 | 2.76 | 2.84 | 3.29 | 3.04 |
| | 5 | Menyejajarkan untuk memeriksa defect lalu dirapikan kembali | 84 | 19.97 | 19.23 | 20.69 | 20.09 | 22.08 | 21.20 | 22.63 | 20.12 | 20.08 | 22.06 | 20.82 |
| Sortir 3 | 1 | Memindahkan bin ke area sortir | 28 | 9.93 | 9.65 | 8.95 | 8.49 | 8.51 | 8.24 | 10.33 | 9.66 | 8.84 | 8.45 | 9.11 |
| | 2 | Mengambil 1/2 tumpukan kertas gelombang dari bin ke meja | 84 | 7.24 | 7.39 | 8.07 | 7.37 | 8.91 | 7.97 | 7.52 | 7.51 | 8.75 | 7.09 | 7.78 |
| | 3 | Memisahkan 1/4 dari tumpukan kertas gelombang yang menyatu | 168 | 24.57 | 26.29 | 22.81 | 25.91 | 25.27 | 22.22 | 22.20 | 21.80 | 24.69 | 22.40 | 23.82 |
| | 4 | Merapikan lalu menumpuk kertas gelombang menjadi 1/2 tumpukan | 168 | 3.00 | 3.26 | 2.87 | 3.32 | 3.14 | 3.33 | 2.72 | 3.00 | 2.89 | 3.45 | 3.10 |
| | 5 | Menyejajarkan untuk memeriksa defect lalu dirapikan kembali | 84 | 21.30 | 19.49 | 19.33 | 20.16 | 20.53 | 22.20 | 20.94 | 21.93 | 19.74 | 21.31 | 20.69 |

| | | | | | | | | | | | | | | |
|----------|---|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Sortir 4 | 1 | Memindahkan bin ke area sortir | 28 | 9.87 | 8.24 | 8.83 | 8.63 | 9.24 | 9.80 | 8.88 | 9.81 | 9.64 | 8.24 | 9.12 |
| | 2 | Mengambil 1/2 tumpukan kertas gelombang dari bin ke meja | 84 | 8.15 | 7.82 | 8.78 | 7.23 | 7.37 | 7.68 | 8.14 | 7.05 | 7.87 | 8.84 | 7.89 |
| | 3 | Memisahkan 1/4 dari tumpukan kertas gelombang yang menyatu | 168 | 21.52 | 22.66 | 21.75 | 20.50 | 22.79 | 23.47 | 21.14 | 22.70 | 23.76 | 22.65 | 22.29 |
| | 4 | Merapikan lalu menumpuk kertas gelombang menjadi 1/2 tumpukan | 168 | 2.86 | 3.07 | 2.97 | 2.80 | 2.69 | 2.77 | 3.45 | 2.76 | 2.76 | 3.00 | 2.91 |
| | 5 | Menyejajarkan untuk memeriksa defect lalu dirapikan kembali | 84 | 18.68 | 22.51 | 22.54 | 20.41 | 20.30 | 19.18 | 20.91 | 20.17 | 22.05 | 21.34 | 20.81 |

| | | | | | | | | | | | | | | |
|-----------|---|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Packing 1 | 1 | Memindahkan tumpukan kertas gelombang ke timbangan | 90 | 19.48 | 18.94 | 17.95 | 15.49 | 19.99 | 16.76 | 16.36 | 18.10 | 17.03 | 19.19 | 17.93 |
| | 2 | Menyesuaikan berat tumpukan kertas gelombang sesuai ketentuan | 90 | 12.63 | 11.43 | 13.61 | 12.45 | 11.56 | 12.45 | 13.18 | 13.24 | 11.79 | 12.94 | 12.53 |
| | 3 | Merapikan tumpukan kertas gelombang | 90 | 16.91 | 16.01 | 16.03 | 14.33 | 16.11 | 13.77 | 16.17 | 14.84 | 16.06 | 16.68 | 15.69 |
| | 4 | Mengambil dan membuka plastik packing kertas gelombang | 45 | 26.85 | 23.93 | 26.87 | 27.51 | 25.55 | 21.46 | 25.19 | 23.92 | 24.72 | 21.93 | 24.79 |
| | 5 | Memasukkan tumpukan kertas gelombang ke plastik packing | 175 | 25.30 | 23.07 | 24.86 | 24.60 | 25.23 | 24.80 | 25.11 | 21.65 | 21.61 | 22.47 | 23.87 |
| | 6 | Menutup packing lalu ditumpuk di atas palet | 45 | 56.49 | 63.55 | 53.89 | 62.38 | 61.04 | 59.14 | 53.04 | 55.72 | 62.47 | 61.76 | 58.95 |

| | | | | | | | | | | | | | | |
|--------------|---|---|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Packing 2 | 1 | Memindahkan tumpukan kertas gelombang ke timbangan | 90 | 18.72 | 19.18 | 20.72 | 17.89 | 18.29 | 17.82 | 19.14 | 20.02 | 17.96 | 19.43 | 18.92 |
| | 2 | Menyesuaikan berat tumpukan kertas gelombang sesuai ketentuan | 90 | 13.72 | 11.91 | 12.58 | 12.13 | 12.05 | 13.34 | 12.41 | 13.85 | 12.00 | 12.28 | 12.63 |
| | 3 | Merapikan tumpukan kertas gelombang | 90 | 16.54 | 13.74 | 15.09 | 16.19 | 14.87 | 13.53 | 16.96 | 16.56 | 15.27 | 16.27 | 15.50 |
| | 4 | Mengambil dan membuka plastik packing kertas gelombang | 45 | 24.12 | 23.61 | 21.21 | 26.39 | 22.74 | 25.54 | 23.01 | 24.97 | 26.99 | 25.12 | 24.37 |
| | 5 | Memasukkan tumpukan kertas gelombang ke plastik packing | 175 | 23.41 | 22.94 | 22.40 | 24.45 | 23.96 | 25.01 | 22.20 | 21.00 | 25.46 | 23.82 | 23.47 |
| | 6 | Menutup packing lalu ditumpuk di atas palet | 45 | 56.43 | 61.36 | 60.11 | 61.14 | 56.20 | 53.57 | 54.53 | 60.05 | 57.55 | 58.85 | 57.98 |

Lampiran 2 Perhitungan Rating Factor

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 1 | Skill | Good | 0.03 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Good | 0.01 |
| Total | | | 0.01 |

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 4 | Skill | Fair | -0.05 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Average | 0 |
| Total | | | -0.08 |

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 2 | Skill | Good | 0.03 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Good | 0.01 |
| Total | | | 0.01 |

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 5 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.05 |

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 3 | Skill | Fair | -0.05 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Average | 0 |
| Total | | | -0.08 |

| Operator | Kategori | Keterangan | Rating Factor |
|----------------|-------------|------------|---------------|
| Punch Roller 6 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.05 |

| Operator | Kategori | Aktivitas | Rating Factor |
|----------|-------------|-----------|---------------|
| Sortir 1 | Skill | Good | 0.03 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Good | 0.01 |
| Total | | | 0.01 |

| Operator | Kategori | Aktivitas | Rating Factor |
|----------|-------------|-----------|---------------|
| Sortir 4 | Skill | Fair | -0.05 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.1 |

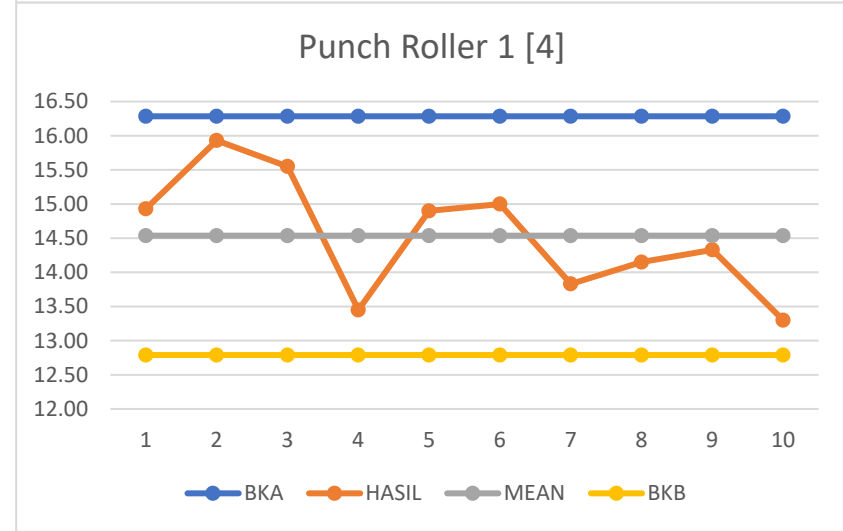
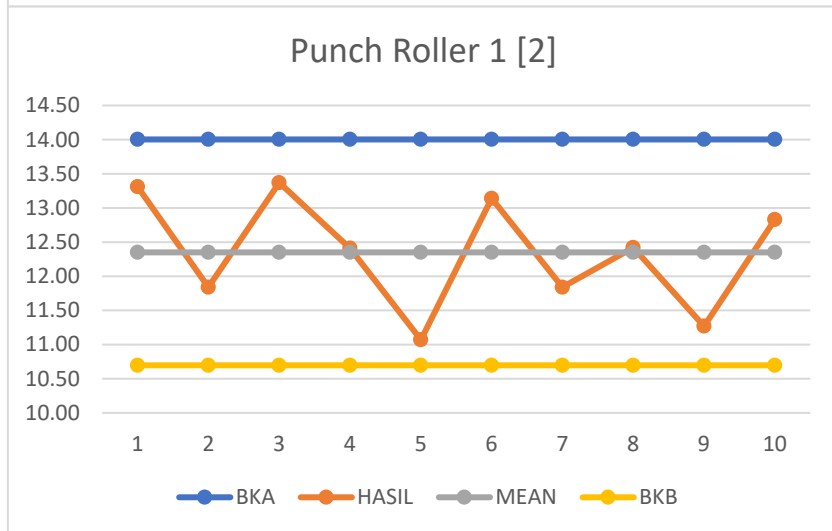
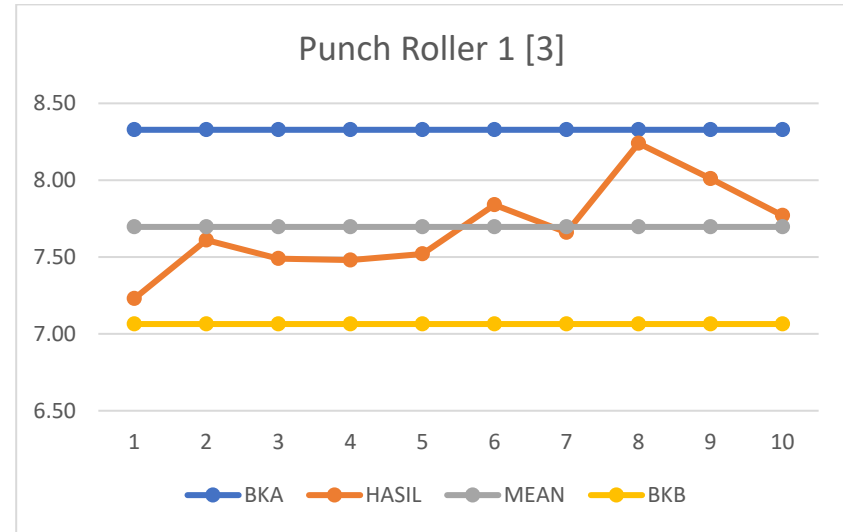
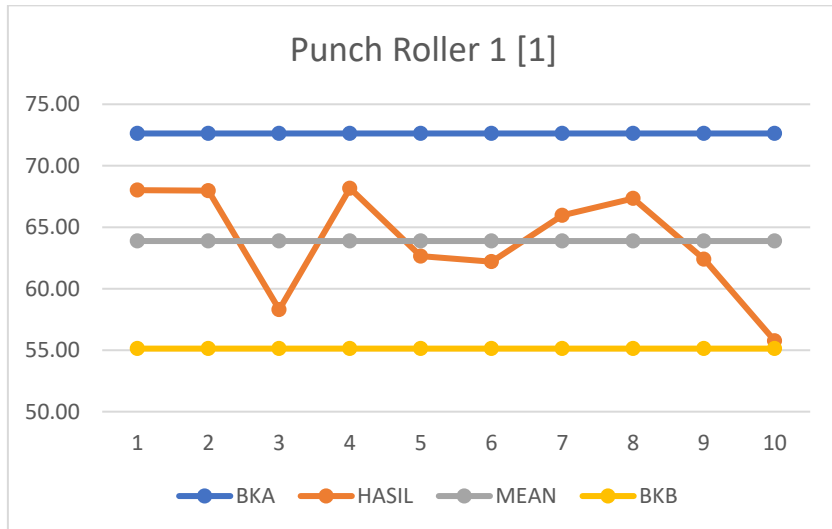
| Operator | Kategori | Aktivitas | Rating Factor |
|----------|-------------|-----------|---------------|
| Sortir 2 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.05 |

| Operator | Kategori | Aktivitas | Rating Factor |
|-----------|-------------|-----------|---------------|
| Packing 1 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.05 |

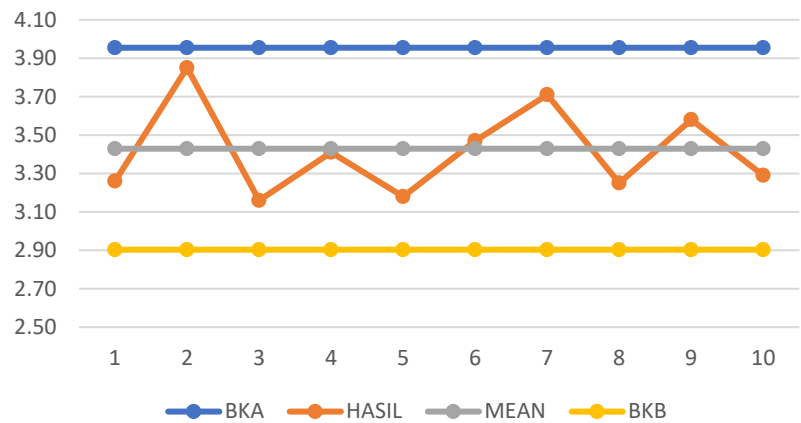
| Operator | Kategori | Aktivitas | Rating Factor |
|----------|-------------|-----------|---------------|
| Sortir 3 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Average | 0 |
| Total | | | -0.03 |

| Operator | Kategori | Aktivitas | Rating Factor |
|-----------|-------------|-----------|---------------|
| Packing 2 | Skill | Average | 0 |
| | Effort | Average | 0 |
| | Conditions | Fair | -0.03 |
| | Consistency | Fair | -0.02 |
| Total | | | -0.05 |

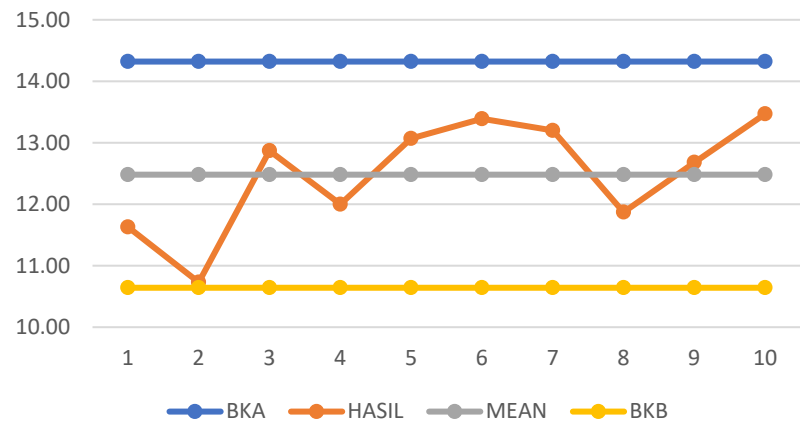
Lampiran 3 Grafik Peta Kendali Kontrol



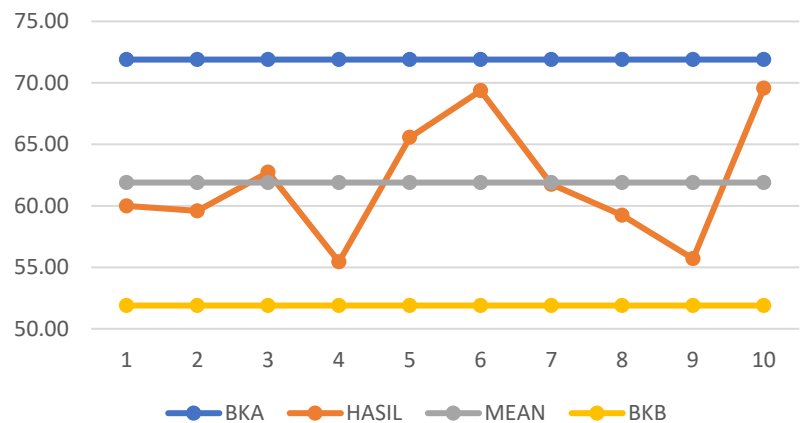
Punch Roller 1 [5]



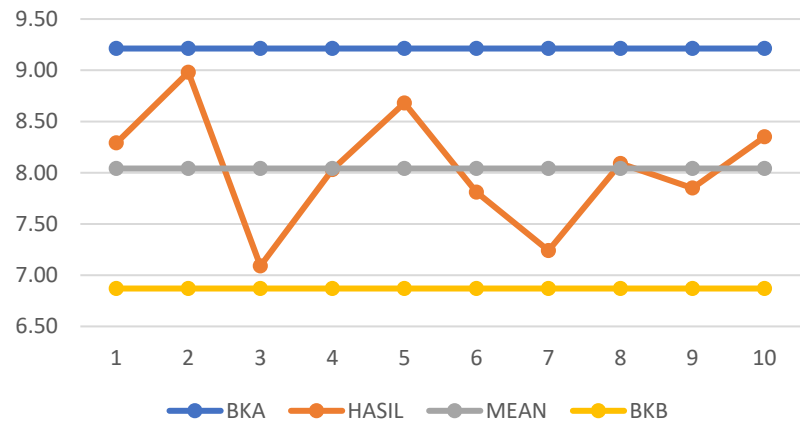
Punch Roller 2 [2]



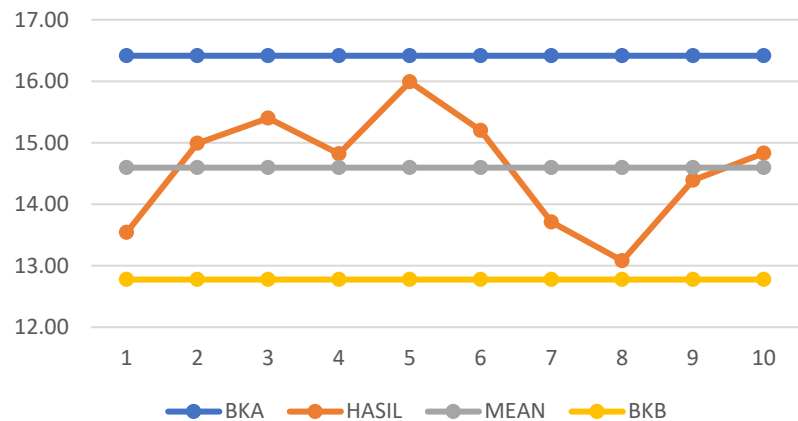
Punch Roller 2 [1]



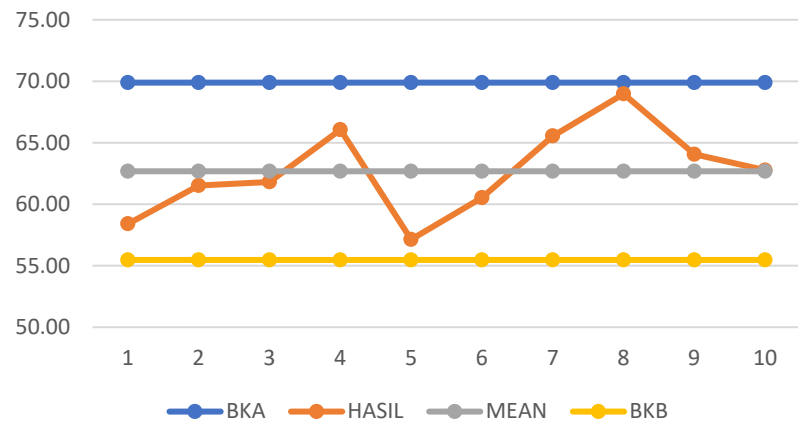
Punch Roller 2 [3]



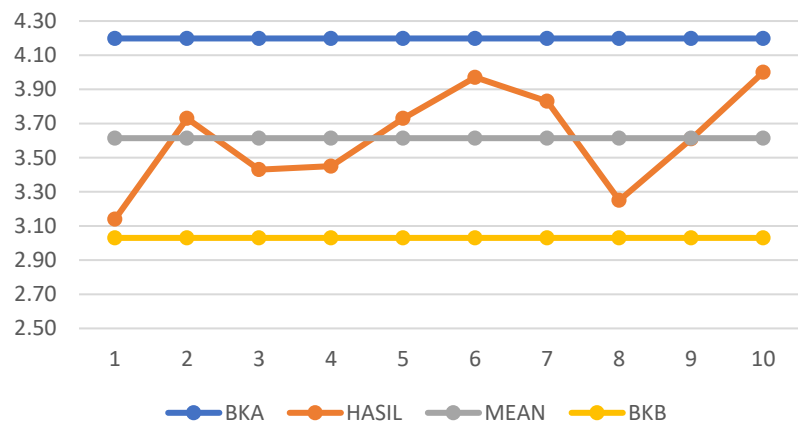
Punch Roller 2 [4]



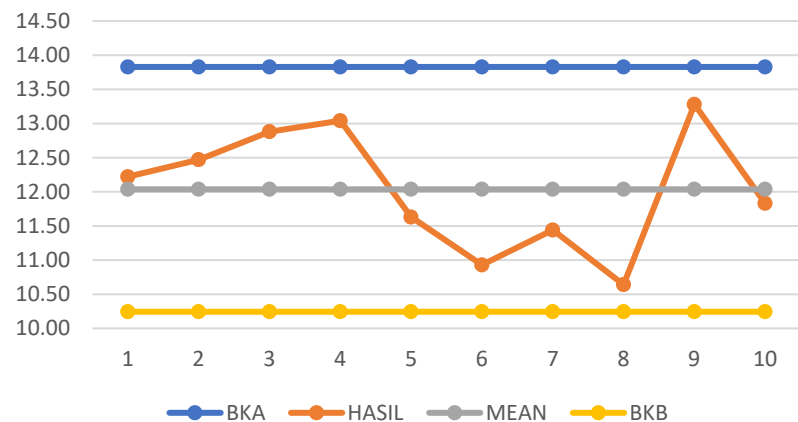
Punch Roller 3 [1]



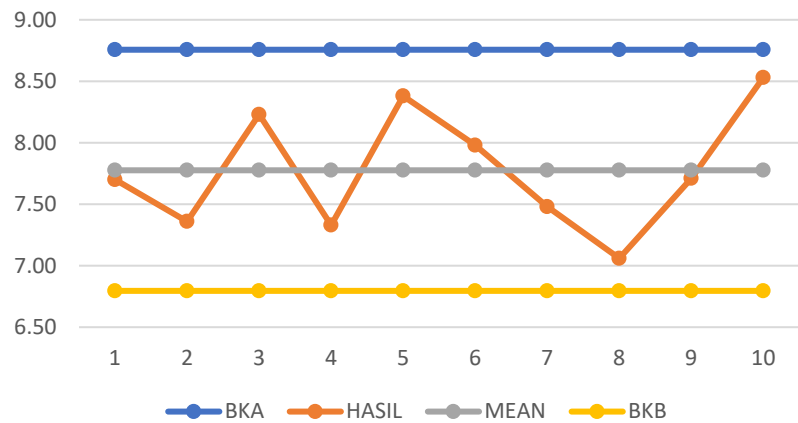
Punch Roller 2 [5]



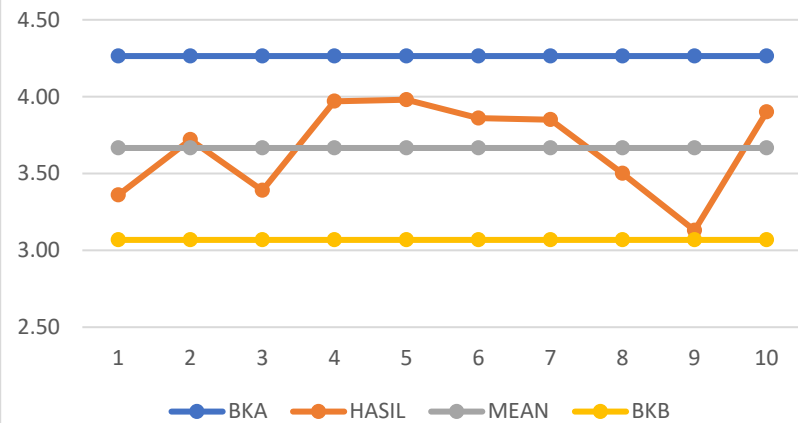
Punch Roller 3 [2]



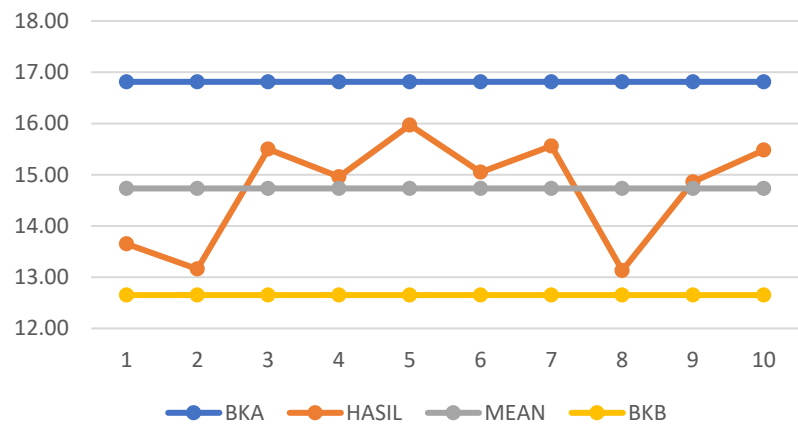
Punch Roller 3 [3]



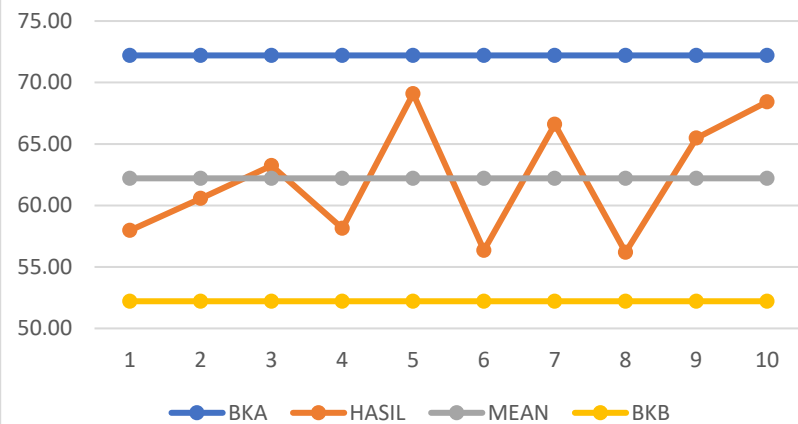
Punch Roller 3 [5]



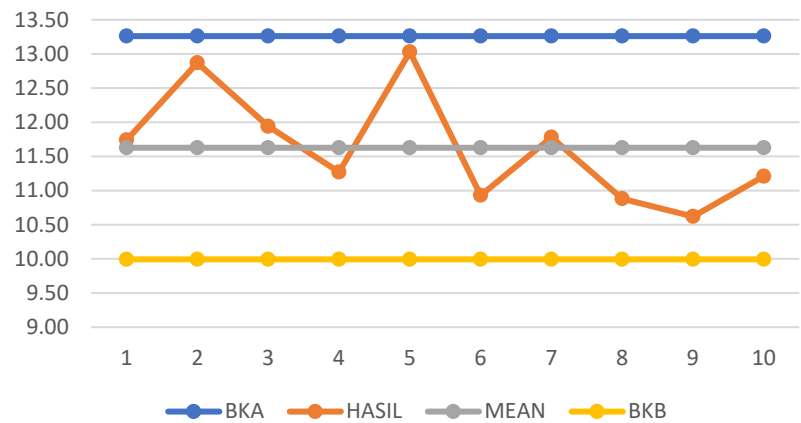
Punch Roller 3 [4]



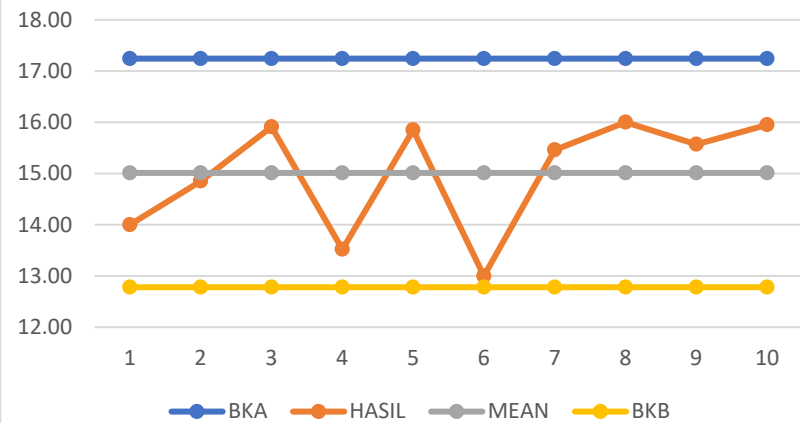
Punch Roller 4 [1]



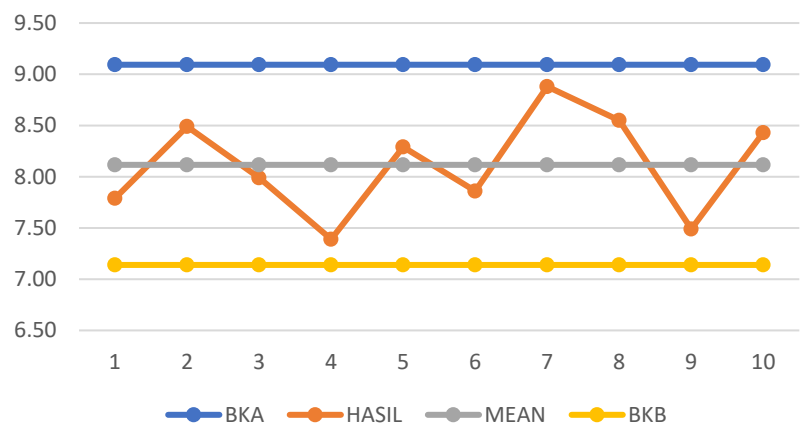
Punch Roller 4 [2]



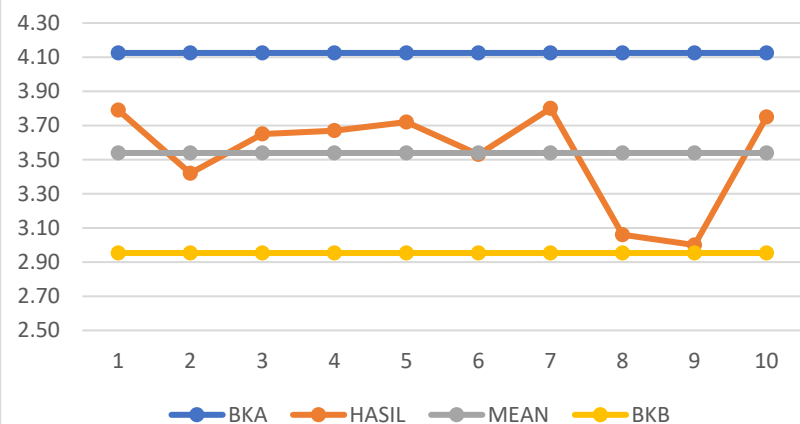
Punch Roller 4 [4]



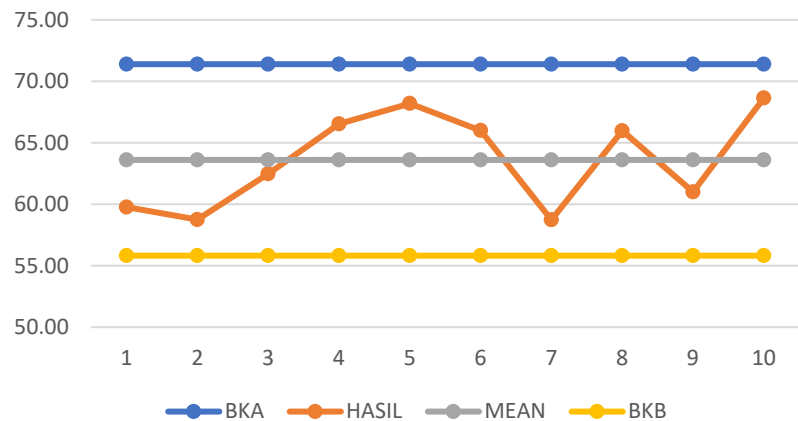
Punch Roller 4 [3]



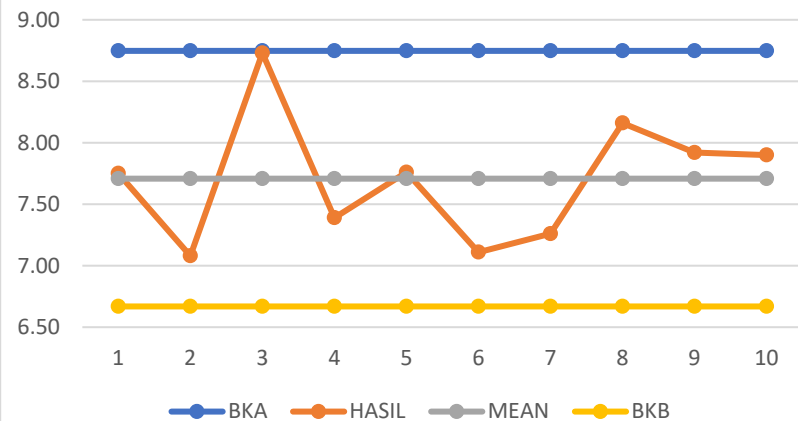
Punch Roller 4 [5]



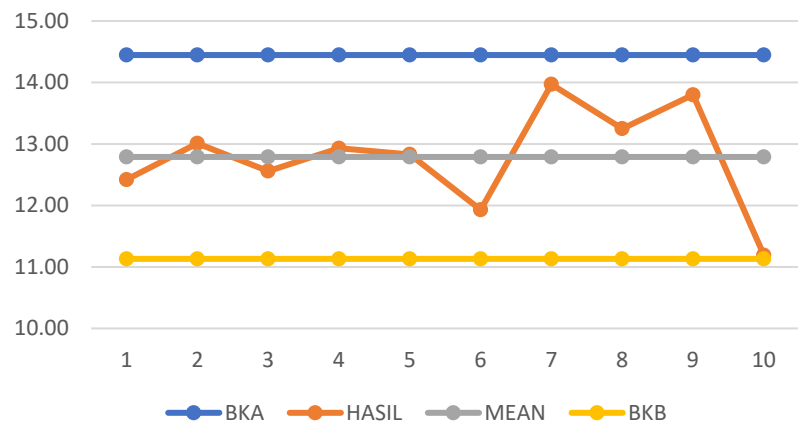
Punch Roller 5 [1]



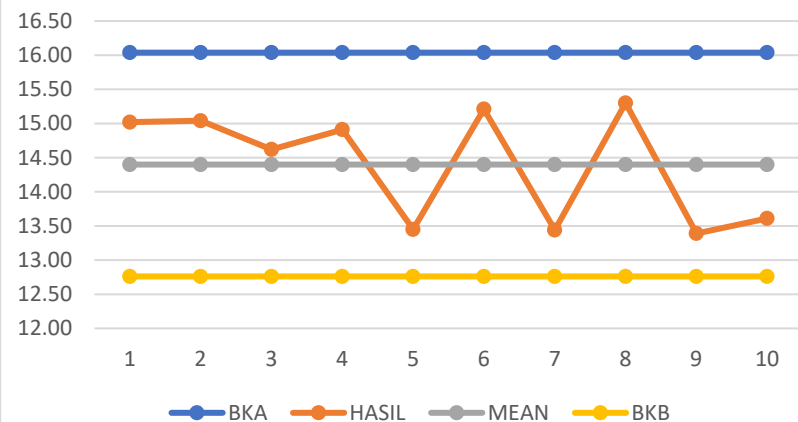
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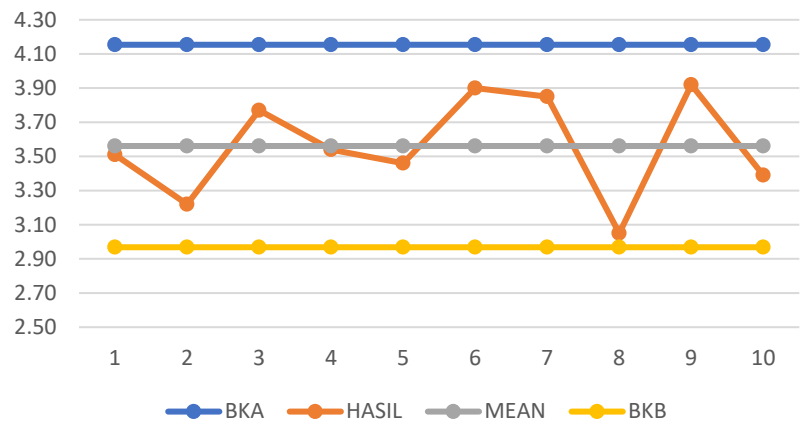
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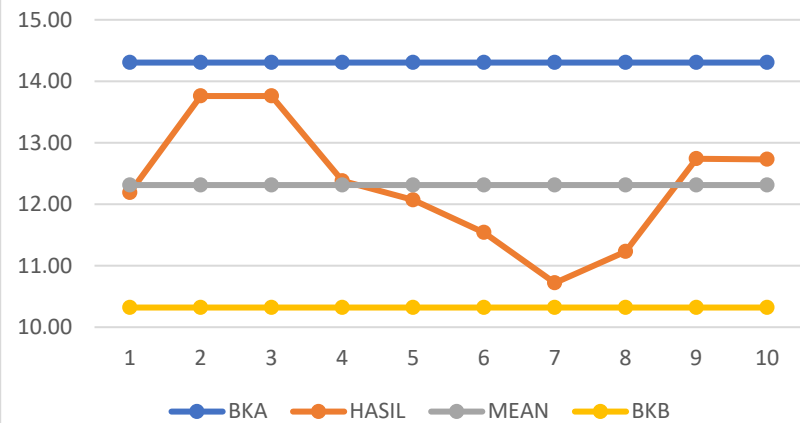
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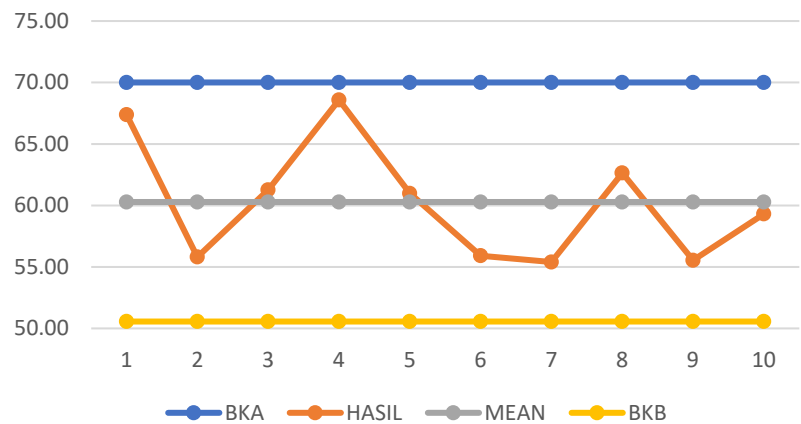
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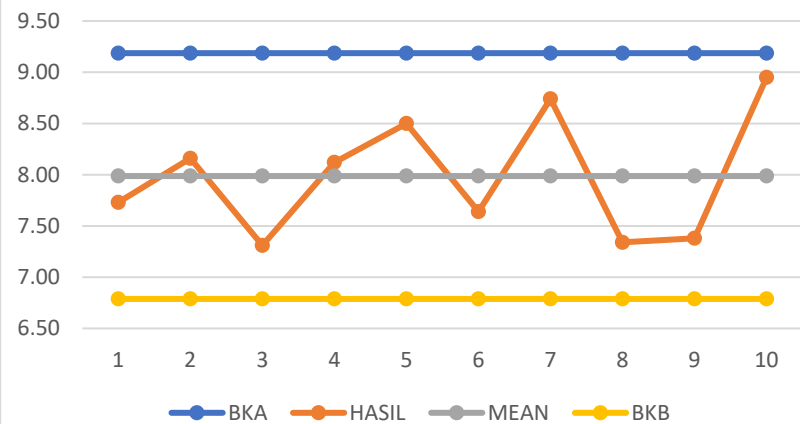
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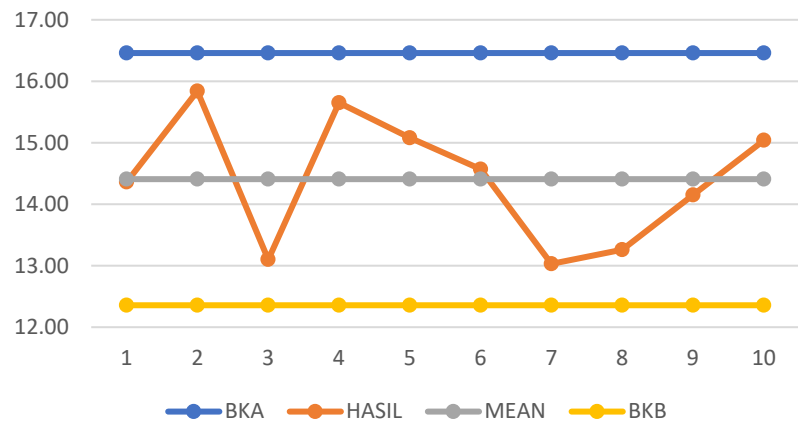
Punch Roller 6 [1]



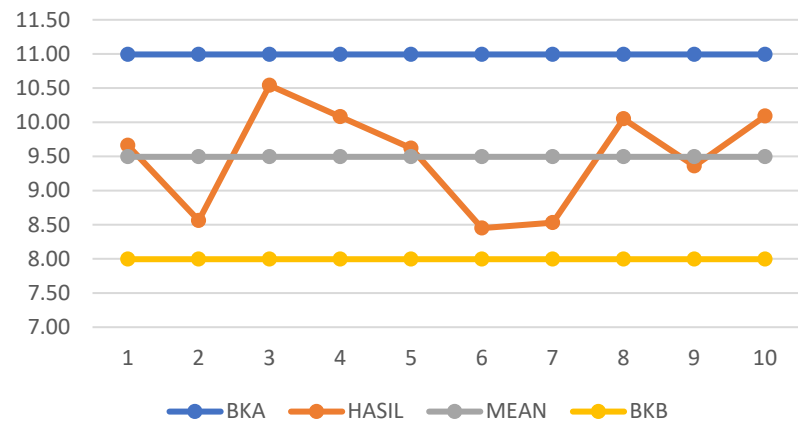
Punch Roller 6 [3]



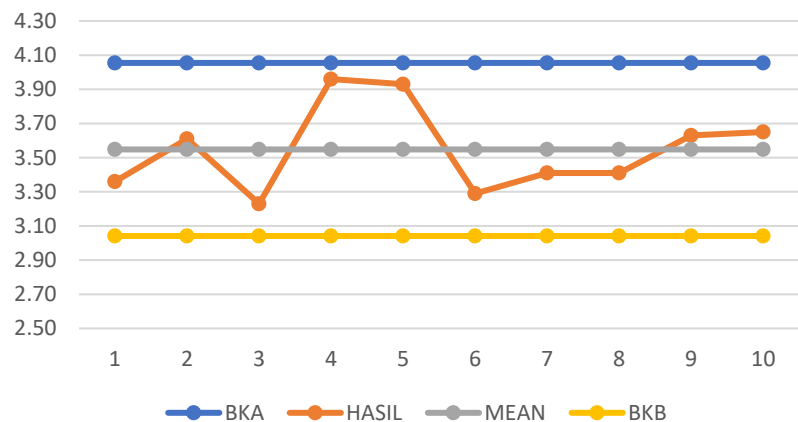
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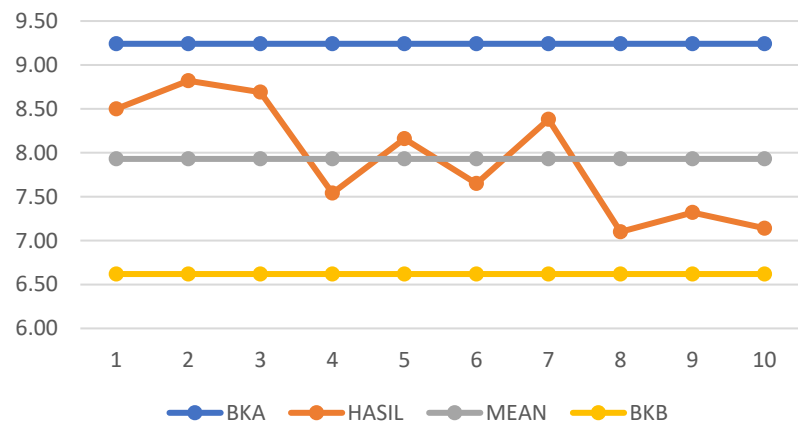
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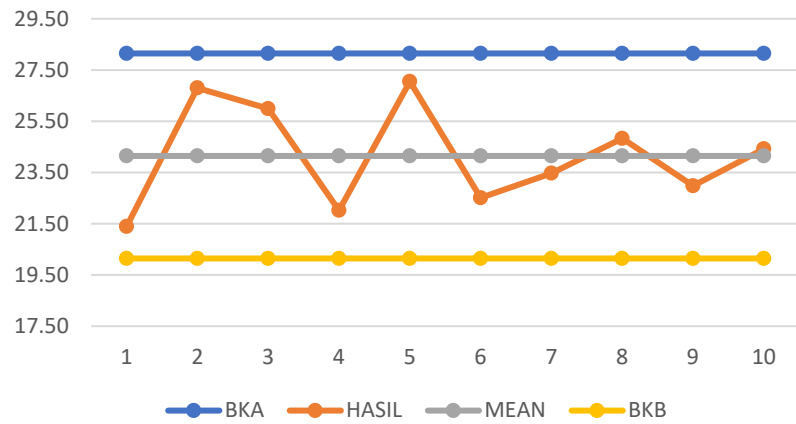
Punch Roller 6 [5]



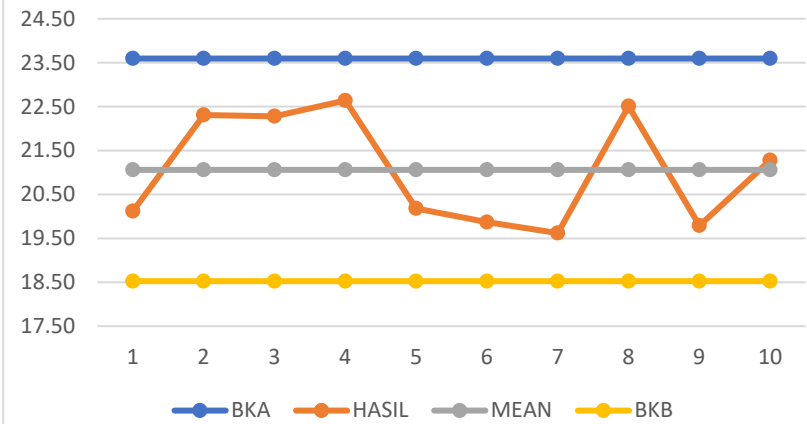
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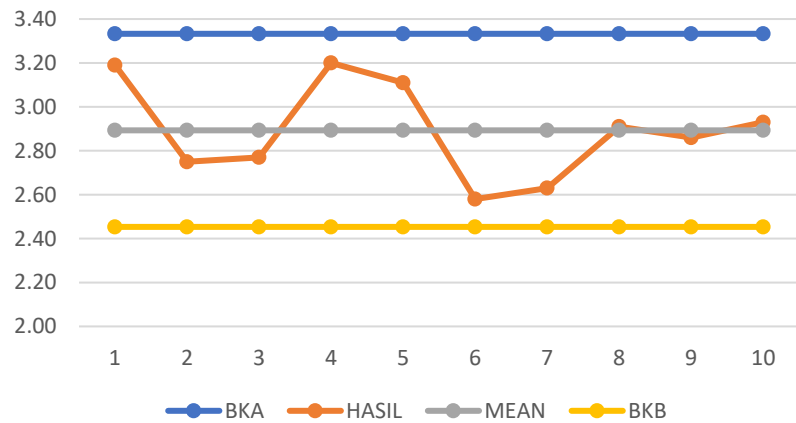
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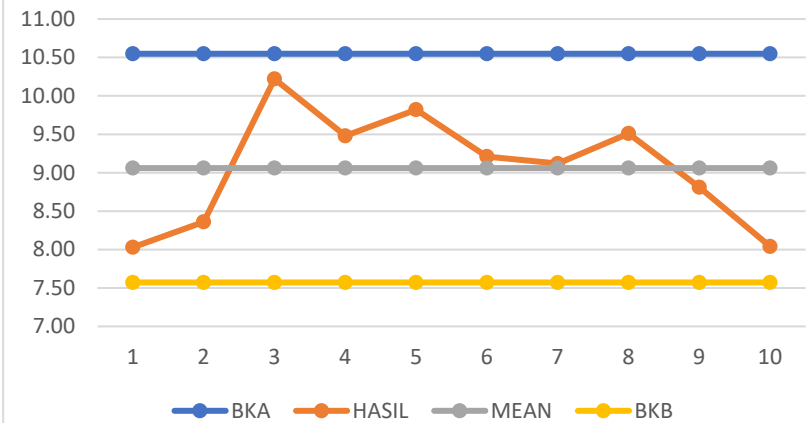
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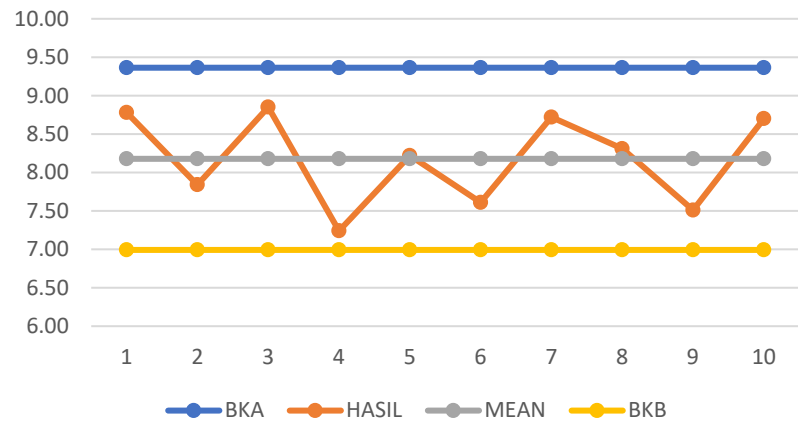
Sortir 1 [4]



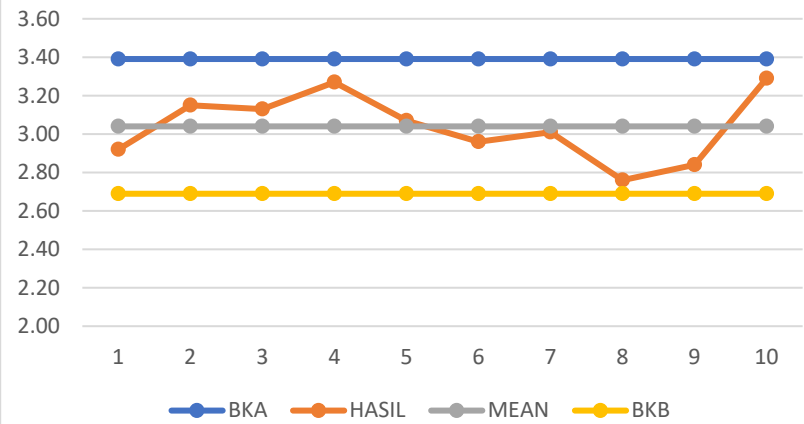
Sortir 2 [1]



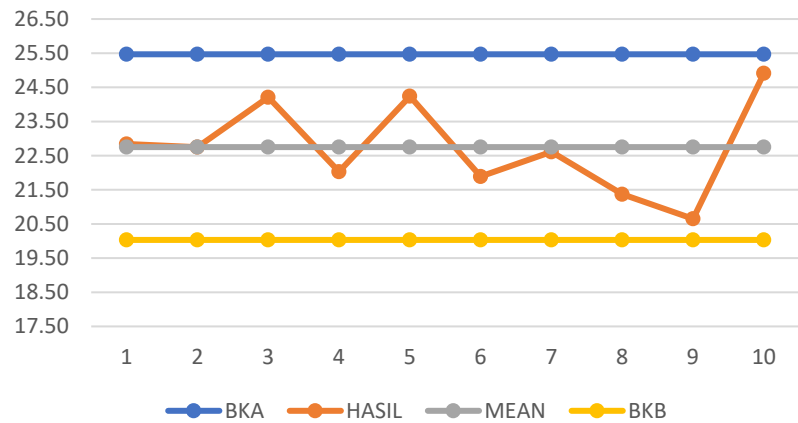
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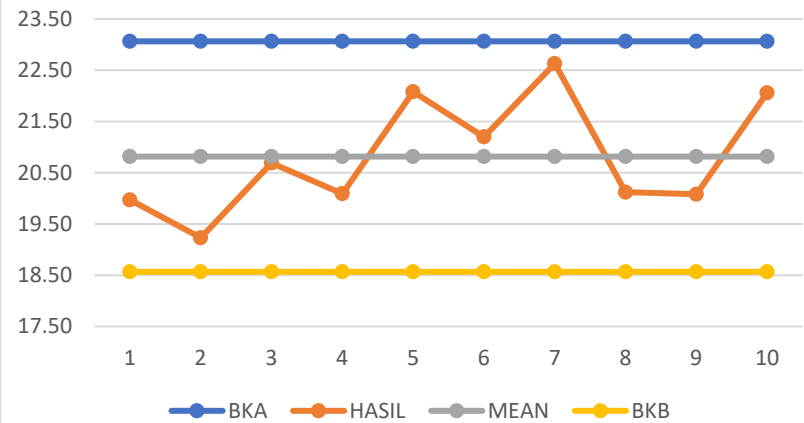
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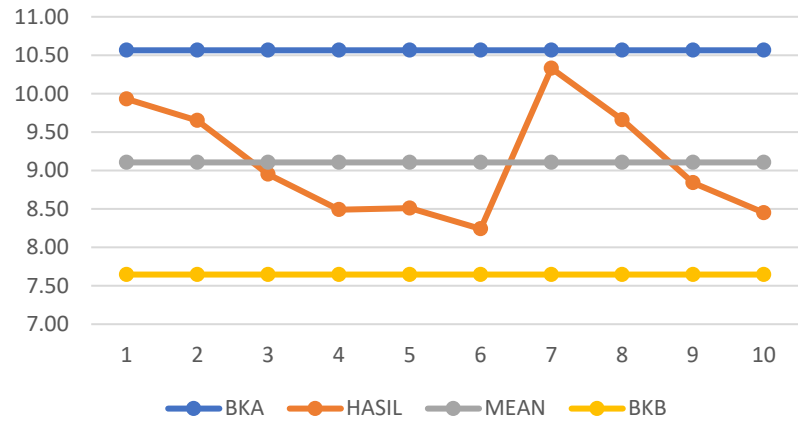
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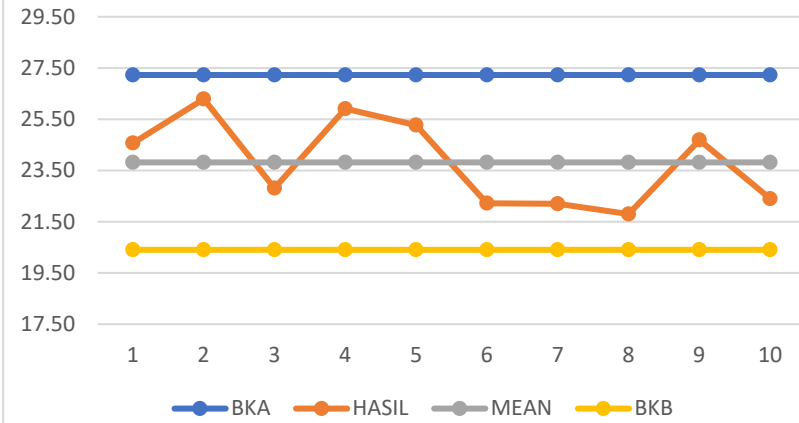
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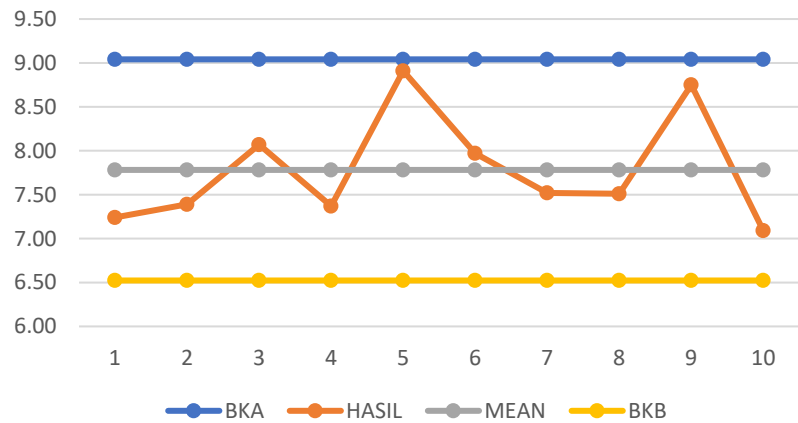
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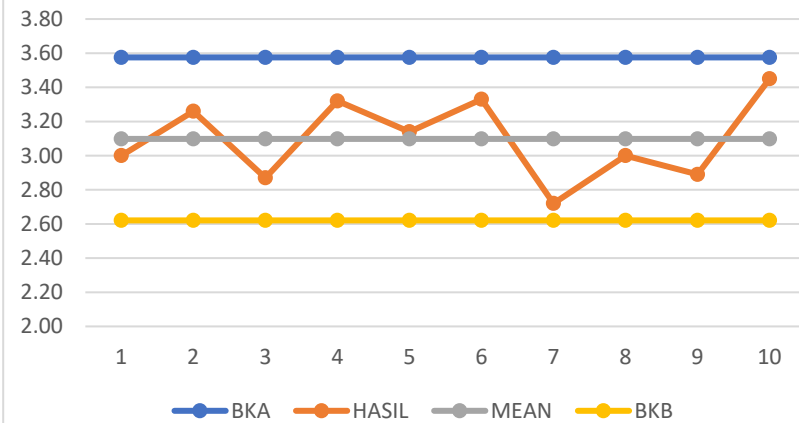
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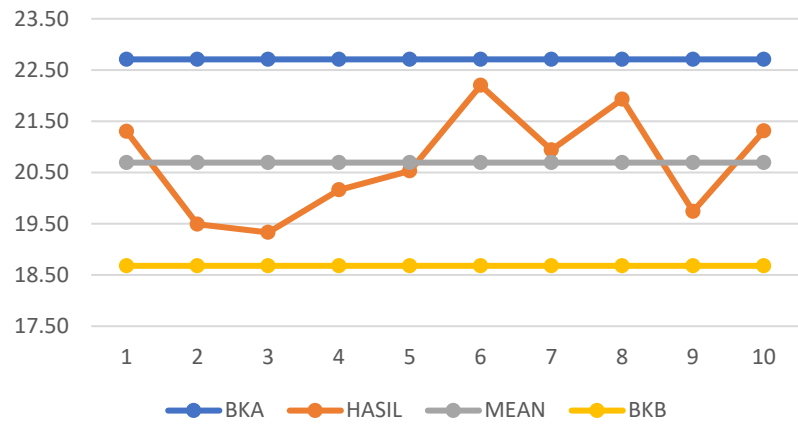
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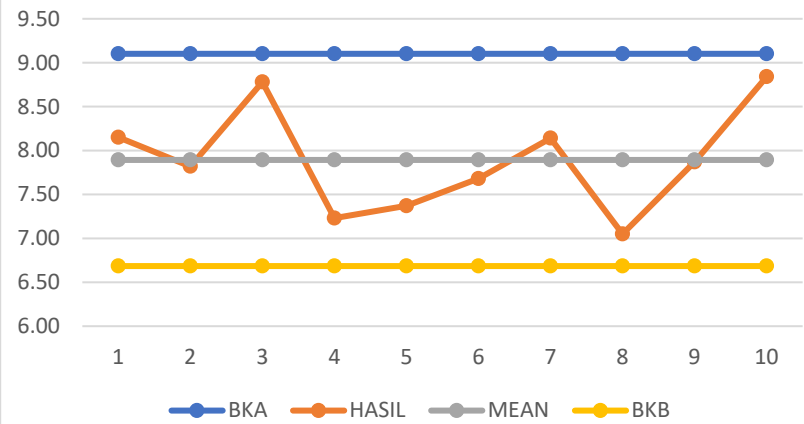
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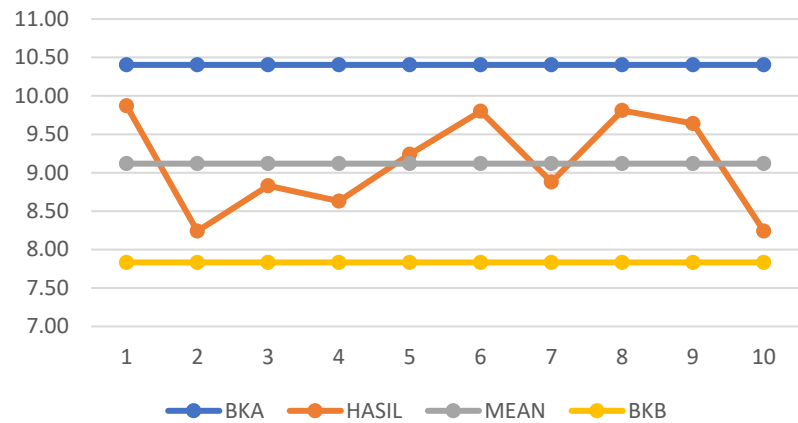
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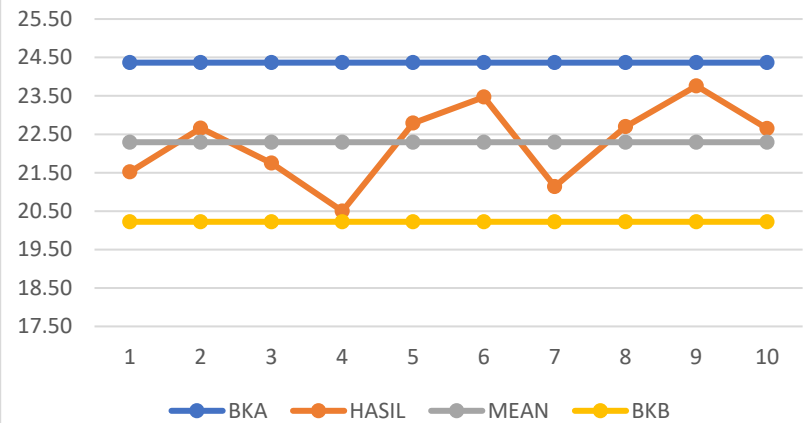
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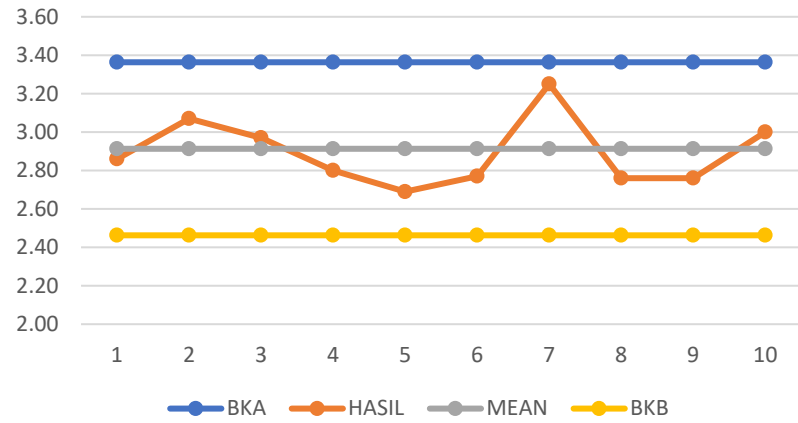
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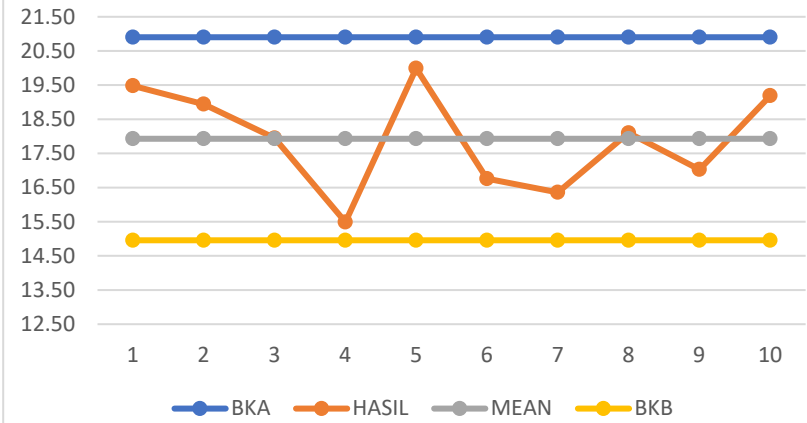
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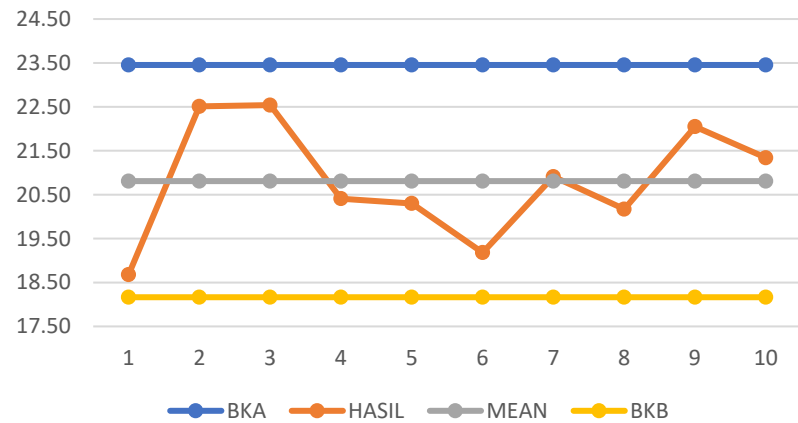
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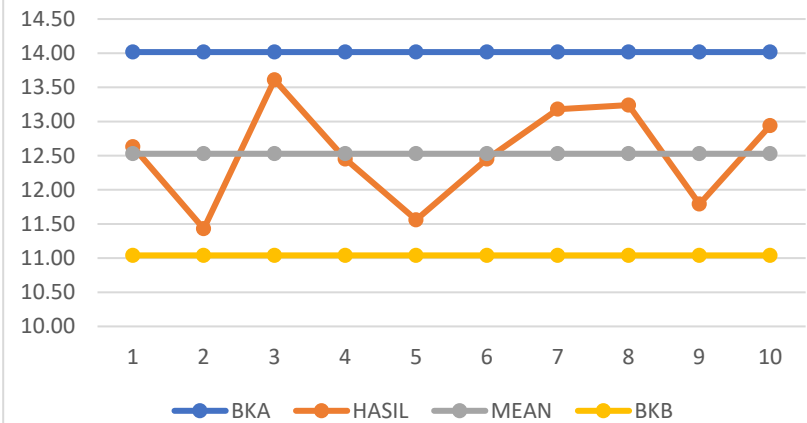
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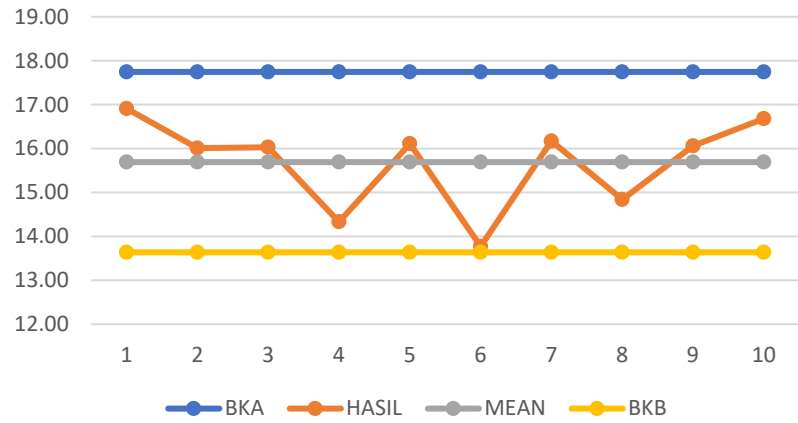
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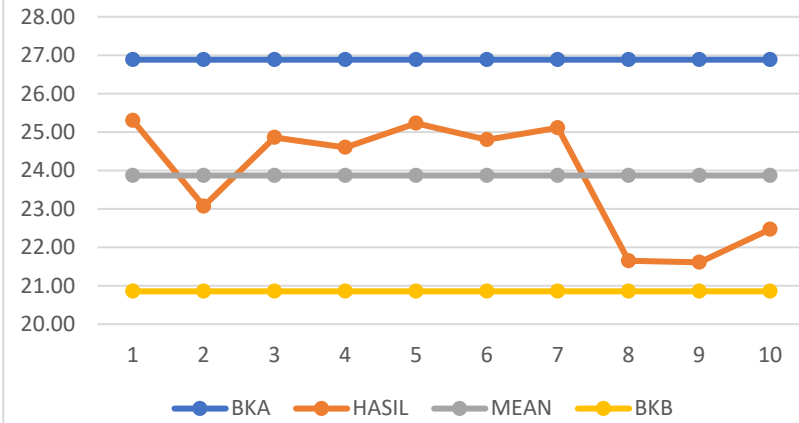
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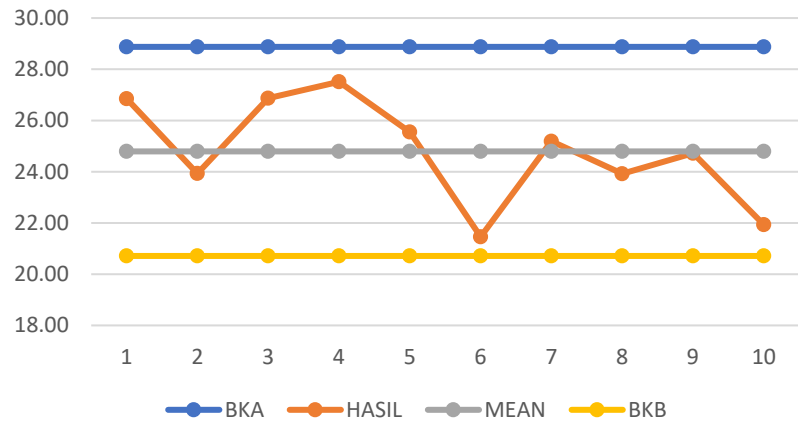
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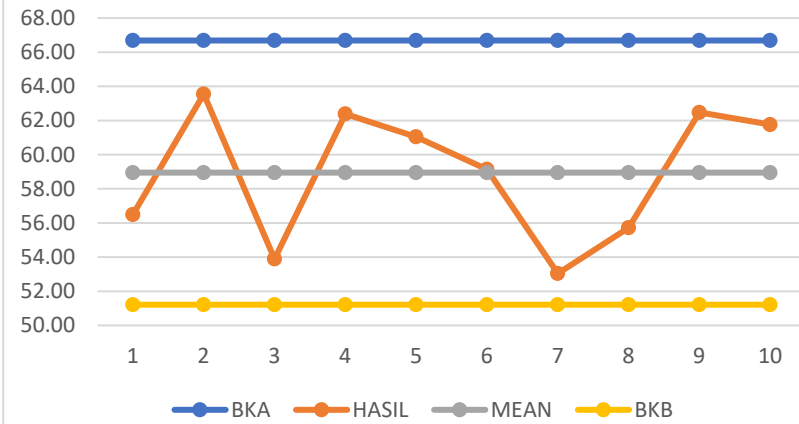
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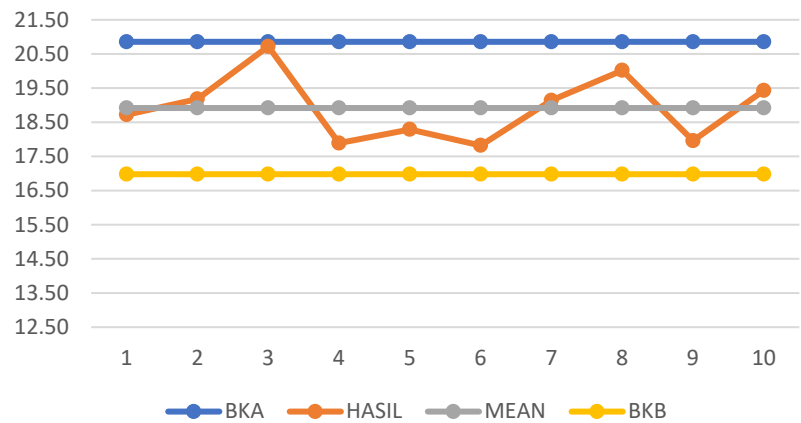
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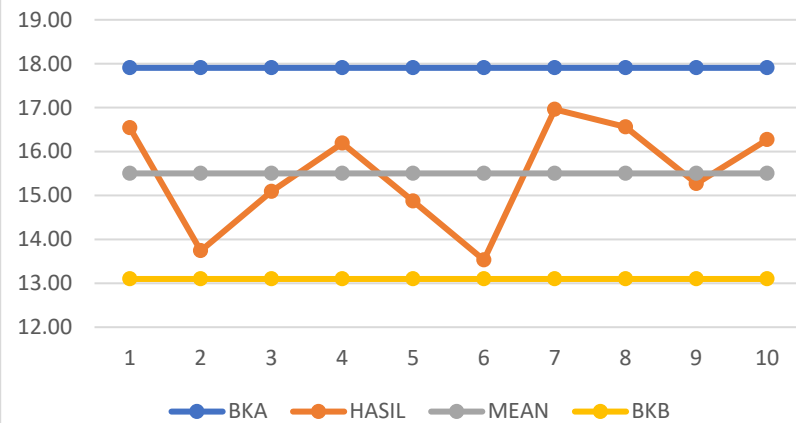
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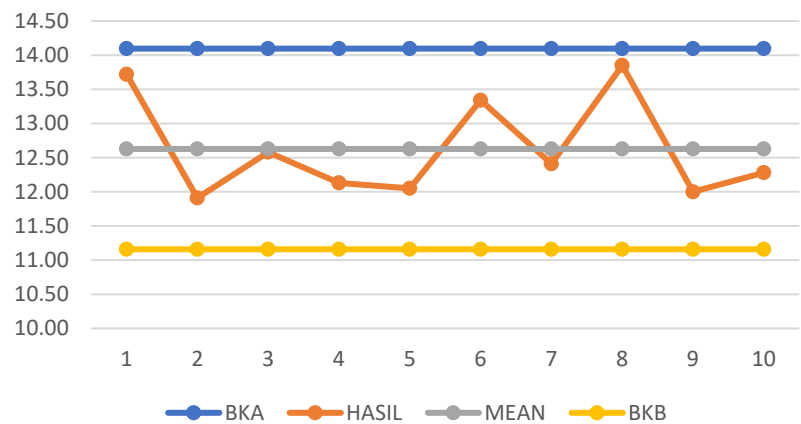
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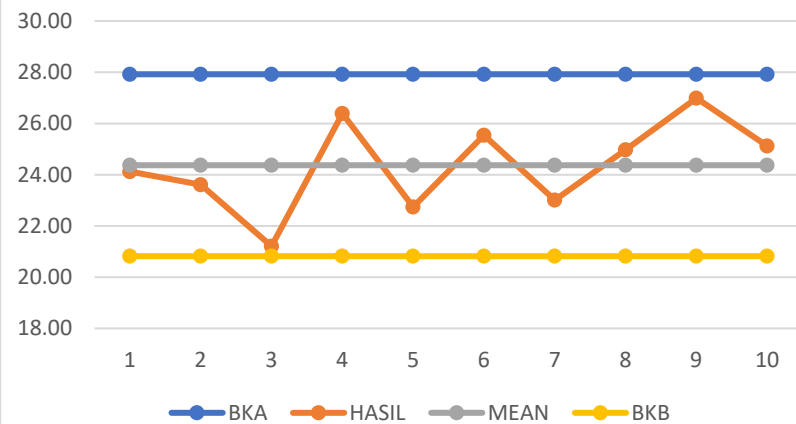
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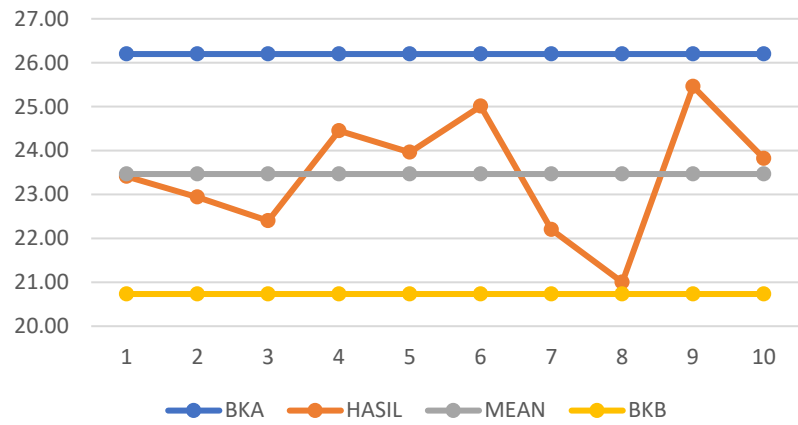
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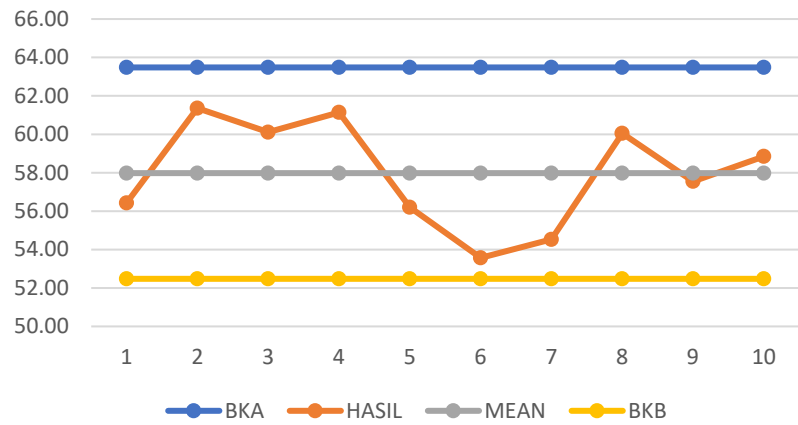
Packing 2 [4]



Packing 2 [5]



Packing 2 [6]



**LEMBAR KONSULTASI PEMBIMBING TUGAS AKHIR
MAHASISWA FAKULTAS TEKNIK**

Nama : I Made Agung Januardi

NIM : 1910312050

PROGRAM STUDI : Teknik Industri

JUDUL TUGAS AKHIR : WORKLOAD ANALYSIS PADA UNIT PRODUKSI KERTAS

GELOMBANG DI PT. X MENGGUNAKAN METODE FULL-TIME EQUIVALENT (FTE)

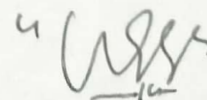
PEMBIMBING : Nurfajriah, ST, MT

| No | HARI | TANGGAL | MATERI KONSULTASI | PARAF PEMBIMBING |
|----|--------|------------------|------------------------------------|---|
| 1 | Rabu | 22 Februari 2023 | Pembahasan judul dan topik skripsi |  |
| 2 | Selasa | 28 Februari 2023 | Pembahasan Bab 1 dan Bab 2 |  |
| 3 | Rabu | 8 Maret 2023 | Pembahasan Bab 3 |  |
| 4 | Kamis | 9 Maret 2023 | Pembahasan Daffpus & Flowchart |  |
| 5 | Rabu | 17 Mei 2023 | Pembahasan Metode M-FTE |  |
| 6 | Kamis | 22 Juni 2023 | Pembahasan data-data FTE |  |
| 7 | Jumat | 23 Juni 2023 | Pembahasan Rumus-rumus Penelitian |  |
| 8 | Sabtu | 24 Juni 2023 | Pembahasan analisis hasil |  |
| 9 | Minggu | 25 Juni 2023 | Pembahasan Usulan dan Tujuan |  |
| 10 | Senin | 26 Juni 2023 | Pembahasan Bab 5 |  |

Keterangan :

1. Setiap konsultasi harus diparaf Dosen Pembimbing
2. Minimal jumlah konsultasi sebanyak 8 kali pertemuan
3. Penyelesaian TA./Skripsi paling cepat 3 (tiga) bulan dan paling lambat 6(enam) bulan sejak surat pengantar dikeluarkan oleh sekretariat Fakultas

Jakarta, ...27... Juni2023
Kepala Program Studi



(Muhamad As'adi, ST, MT)

**LEMBAR KONSULTASI PEMBIMBING TUGAS AKHIR
MAHASISWA FAKULTAS TEKNIK**


Nama : I Made Agung Januardi
NIM : 1910312050
PROGRAM STUDI : Teknik Industri
JUDUL TUGAS AKHIR : WORKLOAD ANALYSIS PADA UNIT PRODUKSI KERTAS
GELOMBANG DI PT. X MENGGUNAKAN METODE FULL-TIME EQUIVALENT (FTE)
PEMBIMBING : Dr. Ir. Reda Rizal, B.Sc., M.Si., IPU., ASEAN Eng

| No | HARI | TANGGAL | MATERI KONSULTASI | PARAF PEMBIMBING |
|----|-------|------------------|------------------------------------|------------------|
| 1 | Senin | 3 Februari 2023 | Pembahasan Tema Skripsi | <u>Rem</u> |
| 2 | Senin | 16 Februari 2023 | Pembahasan Topik dan Judul Skripsi | <u>Rem</u> |
| 3 | Senin | 20 Februari 2023 | Pembahasan Metode Pengambilan Data | <u>Rem</u> |
| 4 | Senin | 27 Februari 2023 | Pembahasan Bab 1 dan Bab 2 | <u>Rem</u> |
| 5 | Jumat | 14 April 2023 | Pembahasan Bab 3 | <u>Rem</u> |
| 6 | Rabu | 26 April 2023 | Pembahasan Bab 4 | <u>Rem</u> |
| 7 | Jumat | 5 Mei 2023 | Metode Pengumpulan data | <u>Rem</u> |
| 8 | Rabu | 17 Mei 2023 | Pembahasan Sumber Bab 4 | <u>Rem</u> |
| 9 | Jumat | 16 Juni 2023 | Pembahasan Bab 5 | <u>Rem</u> |
| 10 | Jumat | 23 Juni 2023 | Pelengkapan Sumber dan Referensi | <u>Rem</u> |

Keterangan :

1. Setiap konsultasi harus diparaf Dosen Pembimbing
2. Minimal jumlah konsultasi sebanyak 8 kali pertemuan
3. Penyelesaian TA./Skripsi paling cepat 3 (tiga) bulan dan paling lambat 6(enam) bulan sejak surat pengantar dikeluarkan oleh sekretariat Fakultas

Jakarta, 27 Juni 2023
Kepala Program Studi


(Muhamad As'adi, ST, MT)